## **Refine Search**

#### Search Results -

Terms	Documents
L1 AND POLYMERIZABLE LIQUID CRYSTAL WITH MESOGENIC	36

US Pre-Grant Publication Full-Text Database US Patents Full-Text Database

Database:

US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins

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Refine Search







#### **Search History**

DATE: Sunday, October 31, 2004 Printable Copy Create Case

Set Name Side by side	Query	<u>Hit</u> Count	<u>Set</u> <u>Name</u> result set
DB=PGF	PB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
	L1 AND POLYMERIZABLE LIQUID CRYSTAL WITH MESOGENIC	36	<u>L10</u>
<u>L9</u> L	L8 AND PY<1999	184	<u>L9</u>
<u>L8</u> L	L1 AND POLYMERIZABLE WITH MESOGENIC	184	<u>L8</u>
<u>L7</u> L	L1 AND POLYMERIZABLE SAME MESOGENIC	206	<u>L7</u>
<u>L6</u> L	L4 AND REACTIVE	212	<u>L6</u>
<u>L5</u> L	L4 AND MULTI\$1 REACTIVE	0	<u>L5</u>
<u>L4</u> L	L3 AND LIQUID CRYSTAL	309	<u>L4</u>
<u>L3</u> L	L2 AND MESOGENIC	328	<u>L3</u>
<u>L2</u> L	L1 AND POLYMERIZABLE	34658	L2
<u>L1</u> 2	252/\$ OR 428/\$ OR 526/\$ OR 560/\$ OR 570/\$	639404	<u>L1</u>

**END OF SEARCH HISTORY** 

## **Hit List**

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Search Results - Record(s) 11 through 20 of 36 returned.

11. Document ID: US 20030047720 A1

Using default format because multiple data bases are involved.

L10: Entry 11 of 36

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030047720

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030047720 A1

TITLE: Mono-, oligo- and poly-4- fluorothiophenes and their use as charge transport materials

PUBLICATION-DATE: March 13, 2003

INVENTOR - INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Heeney, Martin	Southampton		GB	
Farrand, Louise	Spetisbury, Blandford Forum		GB	
Giles, Mark	Southampton		GB	
Thompson, Marcus	Fordingbridge		GB	
Tierney, Steven	Southampton		GB	
Shkunov, Maxim	Southampton		GB	
Sparrowe, David	Bournemouth		GB	
McCulloch, Iain	Kings Somborne		GB	

US-CL-CURRENT: 252/500

Full Title	Citation Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw, De
							· · · · · · · · · · · · · · · · · · ·			
☐ 12.	Document ID:	: US 2	003004771	9 A1						

File: PGPB

PGPUB-DOCUMENT-NUMBER: 20030047719

PGPUB-FILING-TYPE: new

L10: Entry 12 of 36

DOCUMENT-IDENTIFIER: US 20030047719 A1

TITLE: Mono-, oligo- and polydithienopyridines

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

Mar 13, 2003

NAME	CITY	STATE	COUNTRY	RULE-47
Heeney, Martin	Southampton		GB	
Tierney, Steven	Southampton		GB	
Thompson, Marcus	Fordingbridge Hampshire		GB	
Giles, Mark	Southampton		GB	
Farrand, Louise	Dorset		GB	
Shkunov, Maxim	Southampton		GB	
Sparrowe, David	Dorset		GB	
McCulloch, Iain	Kings Somborne		GB	
Farrand, Louise Shkunov, Maxim Sparrowe, David	Dorset Southampton Dorset		GB GB GB	

US-CL-CURRENT: 252/500

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, De
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	13.	Docum	ent ID	: US 2	003002692	2 A1						
L10:	Entry	13 of	36				File:	PGPB		Feb	6,	2003

PGPUB-DOCUMENT-NUMBER: 20030026922

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030026922 A1

TITLE: Chiral compounds

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
May, Alison Linda	Dorset		GB	
Greenfield, Simon	Dorset		GB	
Goulding, Mark John	Hampshire		GB	
Parri, Owain Llyr	Dorset		GB	

US-CL-CURRENT: <u>428/1.1</u>; <u>252/299.01</u>, <u>252/299.2</u>, <u>252/299.61</u>, <u>252/299.62</u>, <u>252/299.63</u>, <u>252/299.64</u>, <u>252/299.67</u>

Full Title	e Citation	Front   F	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
□ 14.	Docume	ent ID:	US 20	003002510	4 A1		· · · · · · · · · · · · · · · · · · ·				
L10: Ent	ry 14 of	36				File:	PGPB		Feb	6,	2003

PGPUB-DOCUMENT-NUMBER: 20030025104

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030025104 A1

TITLE: Polymerizable composition showing liquid-crystal phase and optically

anisotropic object made with the same

PUBLICATION-DATE: February 6, 2003

Jan 30, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Obi, Naoki Tokyo JΡ Lee, Seungtaeg Sakura-shi JP Hasebe, Hiroshi Ageo-shi JΡ Kawara, Tatsuo Tokyo J₽

US-CL-CURRENT: 252/299.01; 252/299.61, 252/299.62, 252/299.63, 252/299.64, 252/299.65, 252/299.66

Full	Title	Citation From	nt Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWAC	Draw D
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	15.	Document	ID: US 2	003002191	2 A1						
L10:	Entr	y 15 of 36	;			File:	PGPB		Jan	30.	2003

PGPUB-DOCUMENT-NUMBER: 20030021912

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030021912 A1

TITLE: Thienothiophene derivatives

PUBLICATION-DATE: January 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Farrand, Louise	Speitsbury		DE	
Thompson, Marcus	Fordinbridge		GB	
Giles, Mark	Southampton		GB	
Heeney, Martin	Southampton		GB	
Tierney, Steven	Southampton		GB	
Shkunov, Maxim	Southampton		GB	
Sparrowe, David	Bournemouth		GB	
McCulloch, Iain	Kings Somborne		GB	

US-CL-CURRENT: <u>428/1.1</u>; <u>252/299.61</u>, <u>252/299.62</u>

Full Title Citation Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWAC	Draw, De
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16. Document II	D: US 20	02004567	6 A1						
L10: Entry 16 of 36				File: 1	PGPB		Apr	18,	2002

PGPUB-DOCUMENT-NUMBER: 20020045676

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020045676 A1

TITLE: Reflective file

PUBLICATION-DATE: April 18, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE COUNTRY RULE-47

Coates, David

Dorset

GB

Verrall, Mark Andrew

Dorset

GB

US-CL-CURRENT: 522/170; 252/299.01, 428/1.1, 522/182

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMIC Draw De ☐ 17. Document ID: US 6806374 B2 L10: Entry 17 of 36 File: USPT Oct 19, 2004

US-PAT-NO: 6806374

DOCUMENT-IDENTIFIER: US 6806374 B2

TITLE: Mono-, oligo- and poly-3-(1,1-difluoroalkyl)thiophenes and their use as

charge transport materials

Full Title Citation Front Review Classification Date Reference States Claims Chaires Claims KMC Draw De ☐ 18. Document ID: US 6805922 B2

L10: Entry 18 of 36

File: USPT

Oct 19, 2004

US-PAT-NO: 6805922

DOCUMENT-IDENTIFIER: US 6805922 B2

TITLE: Mono-, oligo-and polyalkylidenefluorenes and their use as charge transport

materials

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences: Attachinents | Claims | KWIC | Draw, De ☐ 19. Document ID: US 6749771 B1

L10: Entry 19 of 36

File: USPT

Jun 15, 2004

US-PAT-NO: 6749771

DOCUMENT-IDENTIFIER: US 6749771 B1

TITLE: Compounds as components in polymerizable liquid crystalline mixtures and

liquid crystal polymer networks comprising them

Full Title Citation Front Review Classification Date Reference Sequences Affacture 18 Claims KMC Draw De

☐ 20. Document ID: US 6730241 B2

L10: Entry 20 of 36

File: USPT

May 4, 2004

US-PAT-NO: 6730241

DOCUMENT-IDENTIFIER: US 6730241 B2

TITLE: Polymerizable composition showing liquid-crystal phase and optically

anisotropic object made with the same

Full Title Citation Fr	ont Review Classification Date Reference	Seque ces   Alactments   Claims   KWMC   Drawn De
Clear Generate	Collection Print Fwd Refs	Bkwd Refs Generate OACS
Terms		Documents
L1 AND POL MESOGENIC	YMERIZABLE LIQUID CRYSTAL	WITH 36

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Search Results - Record(s) 21 through 30 of 36 returned.

☐ 21. Document ID: US 6723395 B2

Using default format because multiple data bases are involved.

L10: Entry 21 of 36

File: USPT

Apr 20, 2004

US-PAT-NO: 6723395

DOCUMENT-IDENTIFIER: US 6723395 B2

TITLE: Chiral compounds

DATE-ISSUED: April 20, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY
May; Alison Linda Dorset GB
Greenfield; Simon Dorset GB
Goulding; Mark John Hampshire GB

Parri; Owain Llyr Dorset GB

US-CL-CURRENT: <u>428/1.1</u>; <u>252/299.2</u>, <u>252/299.61</u>, <u>252/299.62</u>, <u>252/299.7</u>, <u>349/106</u>, <u>349/185</u>, <u>549/435</u>

Full Title Citation Front Review Classification Date Reference Secretary Alectricates Claims

☐ 22. Document ID: US 6695978 B2

L10: Entry 22 of 36

File: USPT

Feb 24, 2004

US-PAT-NO: 6695978

DOCUMENT-IDENTIFIER: US 6695978 B2

TITLE: Mono-, oligo- and polymers of benzo[b] thiophene and 2,2'-bisbenzo[b]

thiophene and their use as charge transport materials

Full Title Citation Front Review Classification Date Reference Sequences Apacilinants Claims KMC Draw De

23. Document ID: US 6676857 B2

L10: Entry 23 of 36

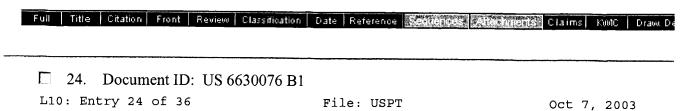
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Jan 13, 2004

US-PAT-NO: 6676857

DOCUMENT-IDENTIFIER: US 6676857 B2

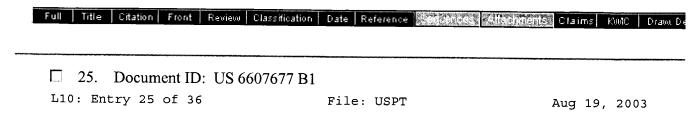
TITLE: Mono-, oligo- and poly-4-fluorothiophenes and their use as charge transport materials



US-PAT-NO: 6630076

DOCUMENT-IDENTIFIER: US 6630076 B1

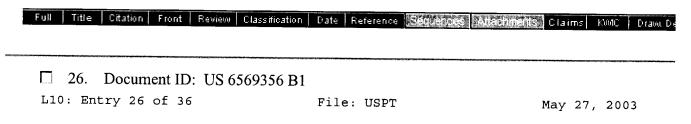
TITLE: Liquid crystalline compounds



US-PAT-NO: 6607677

DOCUMENT-IDENTIFIER: US 6607677 B1

TITLE: Optically active compounds

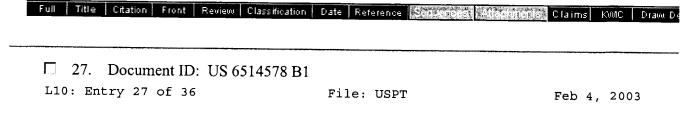


US-PAT-NO: 6569356

DOCUMENT-IDENTIFIER: US 6569356 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Chiral compounds and their use as doping agents in liquid crystals

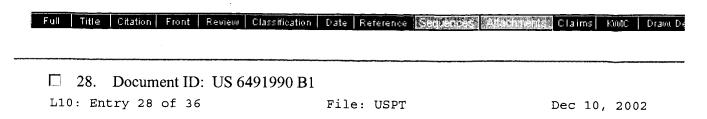


US-PAT-NO: 6514578

DOCUMENT-IDENTIFIER: US 6514578 B1

\*\* See image for Certificate of Correction \*\*

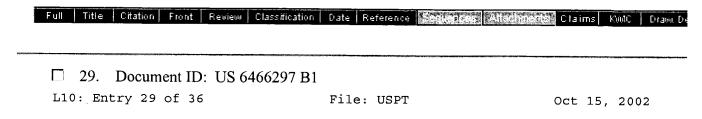
TITLE: Polymerizable mesogenic tolanes



US-PAT-NO: 6491990

DOCUMENT-IDENTIFIER: US 6491990 B1

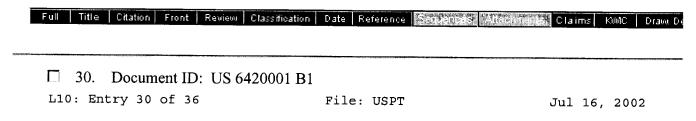
TITLE: Monoreactive mesogenic compounds



US-PAT-NO: 6466297

DOCUMENT-IDENTIFIER: US 6466297 B1

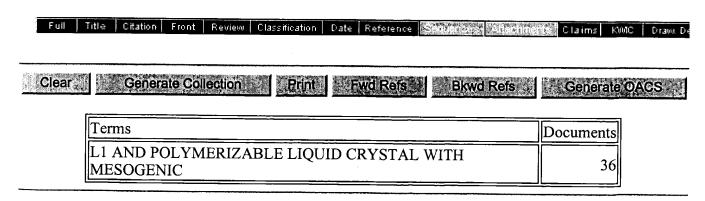
TITLE: Method of preparing a broadband reflective polarizer



US-PAT-NO: 6420001

DOCUMENT-IDENTIFIER: US 6420001 B1

TITLE: Reflective film





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Search Results - Record(s) 31 through 36 of 36 returned.

☐ 31. Document ID: US 6319963 B1

Using default format because multiple data bases are involved.

L10: Entry 31 of 36

File: USPT

Nov 20, 2001

US-PAT-NO: 6319963

DOCUMENT-IDENTIFIER: US 6319963 B1

TITLE: Reflective film

DATE-ISSUED: November 20, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Coates; David Dorset GB
Verrall; Mark Andrew Dorset GB

US-CL-CURRENT: 522/1; 252/299.01, 252/299.3, 428/1.1, 428/1.2, 428/1.31, 430/20

Full Title Citation Front Review Classification Date Reference September 12 Claims KMC Draw, De

☐ 32. Document ID: US 6217948 B1

L10: Entry 32 of 36

File: USPT

Apr 17, 2001

US-PAT-NO: 6217948

DOCUMENT-IDENTIFIER: US 6217948 B1

TITLE: Polymer film

Full Title Citation Front Review Classification Date Reference Classification De

☐ 33. Document ID: US 6099758 A

L10: Entry 33 of 36

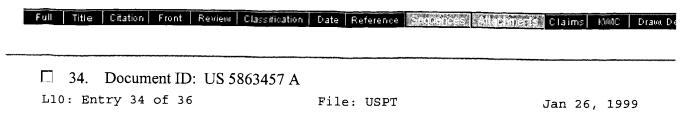
File: USPT

Aug 8, 2000

US-PAT-NO: 6099758

DOCUMENT-IDENTIFIER: US 6099758 A

TITLE: Broadband reflective polarizer

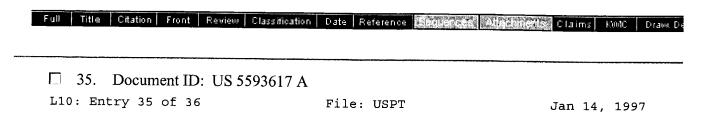


US-PAT-NO: 5863457

DOCUMENT-IDENTIFIER: US 5863457 A

TITLE: Polymerizable liquid crystal composition and optically anisotropic film

comprising the same

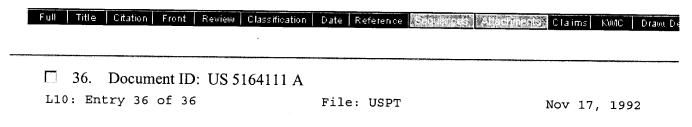


US-PAT-NO: 5593617

DOCUMENT-IDENTIFIER: US 5593617 A

\*\* See image for Certificate of Correction \*\*

TITLE: Photochemically polymerizable liquid crystals



US-PAT-NO: 5164111

DOCUMENT-IDENTIFIER: US 5164111 A

TITLE: Polymerizable liquid-crystal material and polymers exhibiting liquid-crystal

phases

